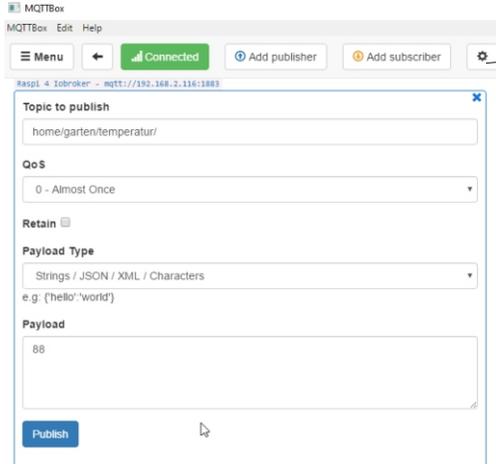


**Hilfreiches Video** MQTT in 7 Minuten einfach erklärt  
<https://www.youtube.com/watch?v=ItcGWCvYa8o>

getestet mit MQTTbox und IOBROKER MQTT-Adapter



MQTT Client Name: Raspi 4 Iobroker  
 MQTT Client id: 4bfee18b-650e-4e43-ba0d-313c6151a865  
 Protocol: mqtt / tcp  
 Host: 192.168.2.116:1883

Poti an A0  
 Taster an 5



Arduino Mega Testprogramm

```
#define analogPin A0
#define tasterPin 5
void setup() {
  Serial.begin(9600);
  Serial1.begin(57600);
}

void loop() {
  int poti =
analogRead(analogPin)/10;
  int taster =
digitalRead(tasterPin);
  Serial.print("Poti:");
  //debug
  Serial.print(poti);
  Serial.print("% /Taster:");
  Serial.println(taster);

  Serial1.print("Poti:");
  //ESP
```

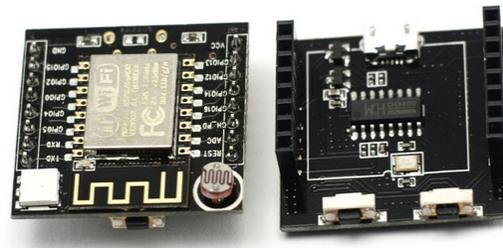
alles was von serial reinkommt wird im IOBroker in einer Variablen gespeichert



TX1, RX1

Pegelwandler 5V - 3,3V bidirectional

TX, RX



ESP12F mit USB Adapter

MQTTSerialGateway

<https://github.com/njesse/MQTTSerialGateway>

mqtt.0					
NodeMCU					
Debug	NodeMCU/Debug	state	variable		MQTT_ClientID connected
MQTT_Username					
SerialInput	NodeMCU/Debug/MQTT_Username/SerialInput	state	variable		Poti:66% /Taster:0
home					
garten					
temperatur	home/garten/temperatur/	state	variable		88

vom Arduino

von MQTTbox